BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Revised Estimate for Improvements to Defence Layout Roads in Ward No. 09, Vidyaranyapura Sub Division.**

Estimate Cost: 1000000.00

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 **Page No. 138 / Item No. 19.2 / PWD SR 2014-15**	Cum							
	Desilting of Drains								
	Main Road		2	270.00	0.45	0.45	109.23		
	Berm Cutting								
	Main Road		2	270.00	1.35	0.25	179.00		
							288.23	105.84	**30506.00**
	Basic Rate	98.00							
	Area Weightage @8%	7.84							
	Total	**105.84**							
2	Removing B.S Slab of Drain and stacking **Page No. 25 / Item No. 5.32 / PWD SR 2014-15**	Sqm							
			2	135.00		1.35	364.50		
							364.50	58.32	**21258.00**
	Basic Rate	54.00							
	Area Weightage @8%	4.32							
	Total	**58.32**							
3	Refixing stone slabs of drains and pointing in C.M (1:3) **Page No. 25 / Item No. 5.33 / PWD SR 2014-15**	Sqm							
				Vide Item No.2			**364.50**	75.60	**27556.00**
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	**75.60**							
4	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per MORTH specification NO. 406, **Page No. 154 / Item No. 20.18 / PWD SR 2014-15**	Cum							
	5th Cross		2	270.00	1.75	0.15	141.75		
							141.75	1438.56	**203916.00**
	Basic Rate	1332.00							
	Area Weightage @ 8%	106.56							
	Total	**1438.56**							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
5	KSRRB 500-1. Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH chapter 5 \, **No. 157 / Item No. 21.1 / PWD SR 2014-15**	Sqm							
	5th Cross Road		1	270.00	7.00		1890.00		
							1890.00	12.20	**23066.00**
	Basic Rate	11.30							
	Area Weightage @ 8%	0.90							
	Total	**12.20**							
6	KSRRB 500-4: providing and applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 1.10 Kg/sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications MORTH chapter 5, **No. 157 / Item No. 21.6 / PWD SR 2014-15**	Sqm							
			Qty Vide Item No. 6				1890.00		
							1890.00	74.52	**140843.00**
	Basic Rate	69.00							
	Area Weightage @ 8%	5.52							
	Total	**74.52**							
7	KSRRB M500-18: Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 508 complete in all respects as per specifications. **using 100-120 TPH capacity H.M.P with sensor paver grading II (25-30mm) with 5% CRMB-55 grade, No. 160 / Item No. 21.21.2 / PWD SR 2014-15**	Cum							
	5th Cross Road		1	270.00	7.00	0.025	47.25		
							47.25	11070.00	**523058.00**
	Basic Rate	10250.00							
	Area Weightage @ 8%	820.00							
	Total	**11070.00**							
8	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**259.41**	72.71	**18860.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Ac[illegible]ling and unloading Vide item no.17.1 P.no.[illegible]	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
9	Sub Total								**989063.00**
10	Third Party Inspection Charges 1%								**9891.00**
11	Miscellaneous and other Charges	L/S							**1046.00**
								Total	**1000000.00**
(Rs. Ten Lakhs Only)									

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2014-15.
3 This work included under 2013-14 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
W.O.S

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

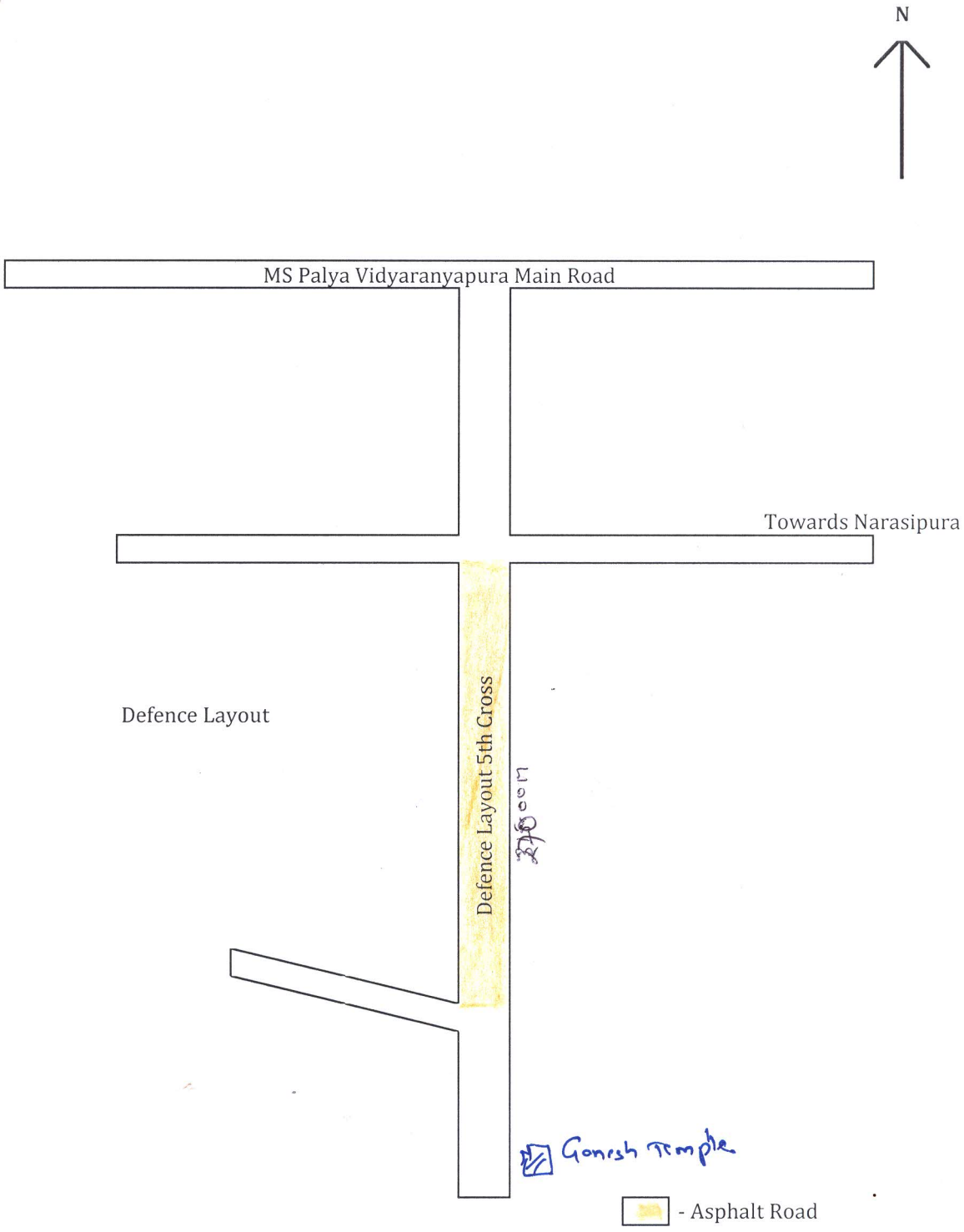
Modified

Technical Sanction for Rs. 10.00 Lakhs
Ten lakhs only
P-1771
Registered
to conditions
No: 149 19/02/15

AE/JE

EE (BTP.Div.)

Name of Work: Improvements to Defence Layout Roads in Ward No. 09 Vidyaranyapura Sub Division.



Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division